

AMENDMENTS TO THE CLAIMS

In the Claims: [Use ~~striketrough~~ for deleted matter (or double square brackets “[[]]” if the striketrough is not easily perceivable, *i.e.*, “4” or a punctuation mark) and underlined for added matter.]

Please amend Claim 1 as follows:

1. A wireless communication device, comprising:
a radio frequency module, the module comprising,
a serial interface configured to accept input data at a first voltage, the input data including a control signal for an integrated circuit component;
a local level shifter configured to accept a portion of the control signal at the first voltage, the local level shifter configured to maintain a shifted control signal, where the shifted control signal is at [[the]] an operating voltage of the integrated circuit component, and where the shifted control signal controls [[the]] an operation of the integrated circuit component; and
a data latch configured to accept the portion of the control signal at the first voltage level from the serial interface, the data latch configured to output the portion of the control signal at the first voltage to at least the local level shifter, where the local level shifter is configured to maintain the shifted control signal in the radio frequency module while the radio frequency module is operating in a shutdown mode.

Please amend Claim 10 as follows:

10. A system for maintaining programming information in a radio frequency module during a shutdown mode, comprising:
means for accepting input data at a first voltage, the input data including control signals for a plurality of integrated circuit components;
means for distributing the control signals to the plurality of integrated circuit components;
means for converting the control signals at the first voltage to shifted control signals at [[the]] an operating voltage of the integrated circuit components; and
means for maintaining the shifted control signals in the radio frequency module while the radio frequency module is operating in the shutdown mode.

Please amend Claim 18 as follows:

18. A method for maintaining programming information in a radio frequency module during a shutdown mode, comprising the steps of:

accepting integrated circuit input data at a first voltage, the input data including control signals for a plurality of integrated circuit components;

distributing the control signals to the plurality of integrated circuit components;

converting the control signals at the first voltage to shifted control signals at ~~[[the]]~~ an operating voltage of the integrated circuit components; and

maintaining the shifted control signals in the radio frequency module while the radio frequency module is operating in the shutdown mode.

Please amend Claim 24 as follows:

24. The method of claim 18, where the step of converting includes the step of converting the control signals at ~~[[a]]~~ the first voltage level to shifted control signals at a plurality of integrated circuit component operating voltages.

Please amend Claim 26 as follows:

26. A computer readable medium having a program for maintaining programming information in a radio frequency module during a shutdown mode, comprising:

logic for accepting input data at a first voltage, the input data including control signals for a plurality of integrated circuit components;

logic for distributing the control signals to the plurality of integrated circuit components;

logic for converting the control signals at the first voltage to shifted control signals at ~~[[the]]~~ an operating voltage of the integrated circuit components; and

logic for maintaining the shifted control signals in the radio frequency module while the radio frequency module is operating in the shutdown mode.

AMENDMENTS TO THE DRAWINGS

In the Drawings:

Please replace drawing sheet, Fig. 3, with the newly submitted Fig. 3 attached herewith on separate sheet.